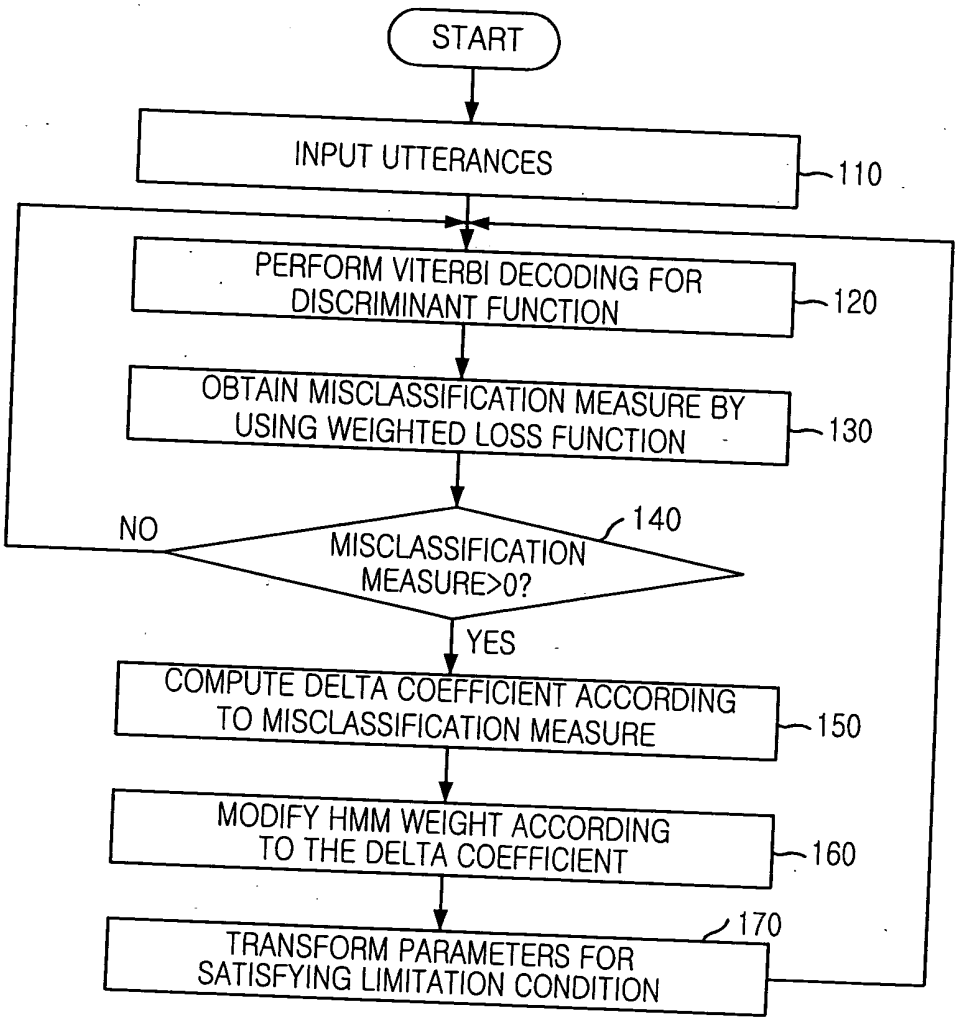
FIG. 1


START
INPUT UTTERANCES
110
PERFORM VITERBI DECODING FOR DISCRIMINANT FUNCTION
120
OBTAIN MISCLASSIFICATION MEASURE BY USING WEIGHTED LOSS FUNCTION
130
NO
MISCLASSIFICATION MEASURE>0?
140
YES
COMPUTE DELTA COEFFICIENT ACCORDING TO MISCLASSIFICATION MEASURE
150
MODIFY HMM WEIGHT ACCORDING TO THE DELTA COEFFICIENT
160
TRANSFORM PARAMETERS FOR SATISFYING LIMITATION CONDITION
170